ABSTRACT OF THE DISCLOSURE

SYSTEM, APPARATUS AND METHOD OF ENHANCING PRIORITY BOOSTING OF SCHEDULED THREADS

A system, apparatus and method of enhancing priority boosting of scheduled threads are provided. If, while being executed by a second CPU, a second thread determines that it has to wait for a lock on a shared resource held by a first thread that is scheduled to be executed by a first CPU, the second thread may boost the priority of the first thread by passing its priority to the first thread if its priority is higher than the first thread's priority. Further, to enhance the priority boost of the first thread, the second thread may reschedule the first thread to be processed by the second CPU. By having been rescheduled on the second CPU, the second thread may be dispatched for execution right thereafter.